

10/512067

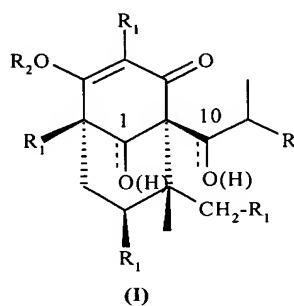
AMENDMENTS TO THE CLAIMS:

DT01 Rec'd PCT/PTC 21 OCT 2004

This listing of claims will replace all prior versions,  
and listings, of claims in the application:

LISTING OF CLAIMS:

1. (original) Hyperforin and adhyperforin derivatives of  
formula (I)



in which R is methyl or ethyl, R<sub>2</sub> is hydrogen, a  
pharmaceutically acceptable inorganic or organic base cation  
or a straight or branched C<sub>2</sub>-C<sub>5</sub> acyl residue, and in which,  
alternatively:

- a) R<sub>1</sub> is 3-methyl-but-1-yl and oxo groups are present at  
the 1- and 10- positions;
- b) R<sub>1</sub> is 3-methyl-2-buten-1-yl and hydroxy groups are  
present at the 1- and 10- positions;
- c) R<sub>1</sub> is 3-methyl-but-1-yl and hydroxy groups are  
present at the 1- and 10- positions;

for use as medicaments.

2. (original) Derivatives as claimed in claim 1 for the preparation of medicaments for use in the treatment of depression and Alzheimer's disease.
3. (currently amended) Derivatives as claimed in ~~claims 1 or 2~~ claim 1 in which R<sub>2</sub> is hydrogen.
4. (currently amended) Derivatives as claimed in ~~claims 1 or 2~~ claim 1 in which R<sub>2</sub> is lithium, R<sub>1</sub> is 3-methyl-but-1-yl and oxo groups are present at the 1- and 10- positions.
5. (original) Derivative as claimed in claim 4 in which R is methyl.
6. (currently amended) Derivatives as claimed in ~~claims 1 or 2~~ claim 1 in which R<sub>2</sub> is acetyl, R<sub>1</sub> is 3-methyl-but-1-yl and oxo groups are present at the 1- and 10- positions.
7. (original) Derivative as claimed in claim 6 in which R is methyl.
8. (original) A compound selected from:  
dodecahydrohyperforin (**Ie**), dodecahydroadhyperforin (**If**),  
acetyloctahydrohyperforin (**Ih**) and  
acetyloctahydroadhyperforin (**Ii**).
9. (original) Pharmaceutical compositions containing the compounds of claim 4.